



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Kevin E. GATES

10/577189 April 25, 2006

Filed Title IMPROVED SUPPORT VECTOR

**MACHINE** 

Grp./A.U.

2121

Examiner

Nathan H. Brown

Customer No.

1923

Confirmation No.: 1203

CERTIFICATE OF MAILING (37 CFR. § 1.8(a))

I hereby certify that this correspondence is being deposted with the United States Postal Service with sufficient postage as First-Class Mail under 37 CFR 1.8(a) in an envelope addressed to Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450 on Jan 9, 2008.

Stephanie Callas

Mail Stop Amendment . Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

 $\boxtimes$ 

Transmitted herewith is an Amendment in the above identified application.

No additional fee is required.

Applicant is entitled to small entity status under 37 CFR 1.27

Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	0	0	0	\$50.00 =	. \$0.00
Independent Claims	0	0	0	\$210.00 =	\$0.00
		Multiple dependent claims newly presented			\$0.00
		Fee for extension of time			\$0.00
		Total of Above Calculations			\$0.00

Please charge my Deposit Account No. 13-0206 in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 13-0206, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Amod A. Parikh

Registration No. 60,671

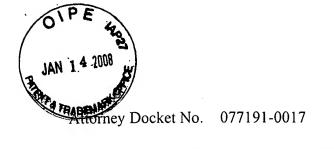
Please recognize our Customer No. 1923 as our

correspondence address.

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Phone: 312.372.2000 AAP:MWE

Facsimile: 312.984.7700 Date: January 9, 2008



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kevin E. Gates

Application No.: 10/577,189

Confirmation No.: 1203

February 21, 2007 Filed On:

For: IMPROVED SUPPORT VECTOR MACHINE

Nathan H. Brown Examiner:

Art Unit: 2121

## REPLY TO OFFICE ACTION MAILED OCTOBER 9, 2007

MAIL STOP AMENDMENT Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is a Reply to the Office Action mailed October 9, 2007. The original period of response to the Office Action is a shortened statutory period of three (3) months from the mailing date or January 9, 2008; therefore, this Reply is timely filed. Applicant respectfully requests reconsideration and allowance of the pending claims in the present Application in view of the Amendments and Remarks below.

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.